

Portland

THE
PORTLAND CATALOGUE
OF

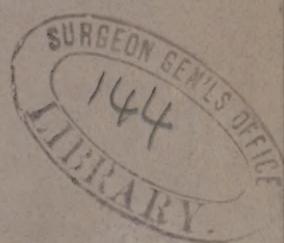
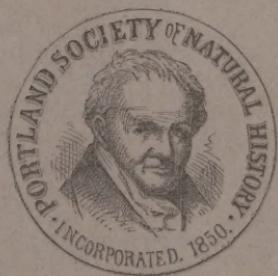
Maine Plants,

PUBLISHED BY THE

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ADAPTED

FOR MARKING DESIDERATA IN EXCHANGE
OF SPECIMENS, &c.



PORLAND:
TRANSCRIPT PRINT,
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EXPLANATION OF THE CATALOGUE.

THIS Catalogue is reprinted from the Proceedings of the Portland Society of Natural History, for which it was originally prepared by Dr. G. L. Goodale and Rev. Mr. Blake. The only changes made in it (with the exception of some added species) are in the omission of localities, and the division of the list, by which those species only which may be fairly regarded as indigenous are printed in the general statement, while all others are reserved for a separate enumeration in List A.

The present Catalogue will be found, it is believed, of essential service as a Check List; and as such the Portland Society wishes to give this edition a wide circulation among the Botanists, both old and young, of Maine. The Proceedings of the Society containing Dr. Goodale's List as published with localities, &c., can be obtained from the Society at a small cost, as is stated in the advertisement upon the third page of this cover.

Notwithstanding the scientific eminence of Messrs. Goodale and Blake, and the facilities for observation furnished in the partial surveys of the State already made, it is felt that this Catalogue is, of necessity, quite incomplete. The Portland Society promises an edition of more elaborate form, with the addition of localities, rarity or common occurrence of species, &c., as soon as sufficient materials can be gathered to warrant its publication. For this purpose, it is earnestly requested that every botanist into whose hands this pamphlet may fall, will note the occurrence of species, with station, &c., of every plant collected or observed by him in Maine, and from time to time forward his notes to the Society at Portland. Due credit will be given in any future edition for every statement or specimen. As the Society, since the great fire of 1866, has no Herbarium, every collector of plants is urged to send as many specimens as may be possible as a contribution towards a new collection. Previous to 1866, almost every species in this Catalogue was represented by one or more authenticated specimens in the Society Cabinet. Much can be done the present season (1868) towards repairing the loss, if the various students of Botany in the State will unite in the attempt to do something to promote this work.

The Society will thankfully receive specimens of Mosses, Hepaticae, Lichens, and other Cryptogams not represented in this Catalogue, from any part of the State, with a view to work up such material in a future edition.

It is only to be added that the arrangement of species and the abbreviations in this Catalogue are in agreement with Prof. Asa Gray's Botany of the Northern United States.

PORTLAND, 1868.

PORTLAND

CATALOGUE OF MAINE PLANTS.

INDIGENOUS.

RANUNCULACEÆ.

ATRAGENE, L.
1 Americana, Sims.
CLEMATIS, L.
2 Virginiana, L.
ANEMONE, L.
3 parviflora, Michx.
4 Virginiana, L.
5 Pennsylvanica, L.
6 nemorosa, L.
HEPATICÆ, DILL.
7 triloba, Chaix.
8 acutiloba, DC.
THALICTRUM, TOURN.
9 anemonoides, Michx
10 dioicum, L.
11 Cornuti, L.
RANUNCULUS, L.
aquautilus, L.
12 var. divaricatus.
13 Purshii, Richards.
14 alismæfolius, G. & B.
Flammula, L.,
15 var. reptans.
16 Cymbalaria, Pursh.
17 abortivus, L.
18 scleratus, L.
19 recurvatus, Poir.
20 Pennsylvanicus, L.
21 fascicularis, Muhl.
22 repens, L.
23 bulbosus, L.
24 acris, L.,
CAITHA, L.
25 palustris, L.
TROCHIUS, L.
26 laxus, Salisb.
COPTIS, SALISB.
27 trifolia, Salisb.
AQUILEGIA, TOURN.
28 Canadensis, L.
ACTÆA, L.
29 spicata, L.,
30 var. alba, Mx.
31 var. rubra, Mx.
CIMICIFUGA, L.
32 racemosa, Ell.

MENISPERMACEÆ

MENISPERMUM, L.
33 Canadense, L.

BERBERIDACEÆ

BERBERIS, L.
34 vulgaris, L.

CAULOPHYLLUM, Mx.

35 thalictroides, Mx.

CABOMBACEÆ.

BRASENIA, SCHREBER.

36 peltata, Pursh.

NYMPHACEÆ.

NYMPHÆA, TOURN.

37 odorata, Ait.

NUPHAR, SMITH.

38 advena, Ait.

39 Kalmiana, Pursh.

SARRACENIACEÆ.

SARRACENIA, TOURN.

40 purpurea, L.

PAPAVERACÆ.

SANGUINARIA, DILL.

41 Canadensis, L.

FUMARIACEÆ.

ADLUMIA, RAF.

42 cirrhosa, Raf.

DICENTRA, BORK.

43 Cucullaria, DC.

44 Canadensis, DC.

CORYDALIS, VENT.

45 glauca, Pursh.

CRUCIFERÆ.

NASTURTIUM, R. BR.

46 palustre, DC.

DENTARIA, L.

47 diphylla, L.

CARDAMINE, L.

48 rhomboidea, DC.

49 hirsuta, L.

ARABIS, L.

50 lyrata, L.

51 hirsuta, Scop.

52 laevigata, DC.

53 Canadensis, L.

TURRITIS, DILL.

54 glabra, L.

BARBAREA, R. BR.

vulgaris, R. Br.

55 var. arcuata.

DRABA, L.

56 arabisans, Mx.

LEPIDIUM, L.

57 Virginicum, L.

SUBULARIA, L.

58 aquatica, L.

CAKILE, TOURN.

59 Americana, Nutt.

VIOLACEÆ.

VIOLA, L.

60 rotundifolia, Mx.

61 lanceolata, L.

62 primulæfolia, L.

63 blanda, Willd.

64 Selkirkii, Goldie.

cucullata, Ait.

65 var. palmata.

66 sagittata, Ait.

67 pedata, L.

68 rostrata, Pursh.

69 Muhlenbergii, Torr.

70 striata, Ait.

71 Canadensis, L.

72 pubescens, Ait.

CISTACEÆ.

HELIANTHEMUM, TOURN.

73 Canadense, Michx.

HUDSONIA, L.

74 ericoides, L.

75 tomentosa, Nutt.

LECHEA, L.

76 major, Michx.

77 thymifolia, Pursh.

78 minor, Lam.

DROSERACEÆ.

DROSERA, L.

79 rotundifolia, L.

80 longifolia, L.

81 filiformis, Raf.

PARNASSIACEÆ.

PARNASSIA, TOURN.

82 Caroliniana, Michx.

HYPERICACEÆ.

HYPERICUM, L.

83 corymbosum, Muhl.

84 ellipticum, Hook.

85 muticum, L.

86 Canadense, L.

87 Sarothra, Michx.

ELODEA, PURSH.

88 Virginica, Nutt.

ELATINACEÆ.

ELATINE, L.

89 Americana, Arnott.

CARYOPHYLLA-
CEÆ.

SILENE, L.
 90 *Pennsylvanica*, Mich.
 91 *antirrhina*, L.
 92 *acaulis*, L.
 HONKENYA, ERHART.
 93 *peploides*, Ehrhart.
 ALSINE, W. H.
 94 *Grænlandica*, Fenzl.
 95 *Michauxii*, Fenzl.
 MEHRINGIA, L.
 96 *lateriflora*, L.
 STELLARIA, L.
 97 *longifolia*, Muhl.
 98 *longipes*, Goldie.
 99 *borealis*, Bigelow.
 CERASTIUM, L.
 100 *arvense*, L.
 SAGINA, L.
 101 *procumbens*, L.
 102 *nodosa*, Fenzl.
 SPERGULARIA, PERS.
 103 *rubra*, Pers.
 ANYCHIA, MICHX.
 104 *dichotoma*, Michx.
 MOLLUGO, L.
 105 *verticillata*, L.

PORTULACÆ.

CLAYTONIA, L.
 106 *Virginica*, L.
 107 *Caroliniana*, Mx.

MALVACEÆ.

HIBISCUS, L.
 108 *Moscheutos*, L.

TILIACEÆ.

TILLA, L.
 109 *Americana*, L.

LINACEÆ.

LINUM, L.
 110 *Virginianum*, L.

OXALIDACEÆ.

OXALIS, L.
 111 *Acetosella*, L.
 112 *violacea*, L.
 113 *stricta*, L.

GERANIACEÆ.

GERANIUM, L.
 114 *maculatum*, L.
 115 *Carolinianum*, L.
 116 *Robertianum*, L.

BALSAMINACEÆ.

IMPATIENS, L.
 117 *pallida*, Nutt.
 118 *ruvula*, Nutt.

RUTACEÆ.

ZANTHOXYLUM, COLDEN.
 119 *Americanum*, Mill.

ANACARDIACEÆ.

RHUS, L.

120 *typhina*, L.
 121 *glabra*, L.
 122 *copallina*, L.
 123 *venenata*, DC.
 124 *Toxicodendron*, L.

VITACEÆ.

VITIS, TOURN.

125 *Labrusca*, L.
 126 *œstivalis*, Michx.
 127 *cordifolia*, Michx.
 AMPELOPSIS, MICHX.
 128 *quinquefolia*, Michx.

RHAMNACEÆ.

RHAMNUS, TOURN.
 129 *alnifolius*, L'Her.

CEANOTHUS, L.

130 *Americanus*, L.

CELASTRACEÆ.

CELASTRUS, L.

131 *scandens*, L.

SAPINDACEÆ.

STAPHYLEA, L.

132 *trifolia*, L.

ACERINÆ.

ACER, TOURN.

133 *Pennsylvanicum*, L.
 134 *spicatum*, Lam.
saccharinum, Wang.
 135 *var. nigrum*.
 136 *dasycarpum*, Ehrhart
 137 *rubrum*, L.

POLYGALACEÆ.

POLYGALA, TOURN.

138 *sanguinea*, L.
 139 *cruciata*, L.
 140 *verticillata*, L.
 141 *polygama*, Walt.
 142 *paucifolia*, Willd.

LEGUMINOSÆ.

LUPINUS, TOURN.

143 *perennis*, L.

CROTALLARIA, L.

144 *sagittalis*, L.

TRIFOLIUM, L.

145 *repens*, L.

TEPHROSIA, PERSOON.

146 *Virginiana*, Pers.

OXYTROPIS, L.

147 *Lamberti*, H.

ASTRAGALUS, L.

148 *alpinus*, L.

149 *Robbinsii*, Gray.
 HEDYSARUM, TOURN.

150 *boreale*, Nutt.

DESMODIUM, DC.

151 *nudiflorum*, DC.

152 *acuminatum*, DC.

153 *rotundifolium*, DC.

154 *cuspidatum*, Torr.

155 *Dillenii*, Darlington.

156 *paniculatum*, DC.

157 *Canadense*, DC.

158 *Marilandicum* Boott

LESPEDA, MICHX.

159 *procumbens*, Mx.

160 *violacea*, Pers.

161 *hirta*, Ell.

162 *capitata*, Michx.

VICIA, TOURN.

163 *Cracca*, L.

164 *Caroliniana*, Walt.

LATHYRUS, L.

165 *maritimus*, Bigelow.

166 *palustris*, L.

PHASEOLUS, L.

167 *diversifolius*, Pers.

APIOS, BOERI.

168 *tuberosa*, Mænch.

AMPHICARÆA, Ell.

169 *monoica*, Nutt.

BAPTISIA, VENT.

170 *tinctoria*, R. Br.

CASSIA, L.

171 *Marilandica*, L.

172 *Chamæcrista*, L.

173 *nictitans*, L.

ROSACEÆ.

PRUNUS, L.

174 *Americana*, Marsh.

175 *maritima*, Wang.

176 *pumila*, L.

177 *Pennsylvanica*, L.

178 *Virginiana*, L.

179 *serotina*, Ehrhart.

SPIREA, L.

180 *salicifolia*, L.

181 *tomentosa*, L.

AGRIMONIA, TOURN.

182 *Eupatoria*, L.

SANGUISORBA, L.

183 *Canadensis*, L.

GEUM, L.

184 *album*, Gmelin.

185 *Virginianum*, L.

186 *macrophyllum*, Willd.

187 *strictum*, Ait.

188 *rivale*, L.

189 *triflorum*, Pursh.

WALDSTEINIA, Willd.

190 *fragarioides*, Tratt.

POTENTILLA, L.

191 *Norvegica*, L.

192 *Canadensis*, L.

193 *argentea*, L.

194 *Pennsylvanica*, *L.*
 195 *arguta*, *Pursh.*
 196 *Anserina*, *L.*
 197 *fruticosa*, *L.*
 198 *tridendata*, *Ait.*
 199 *palustris*, *Scop.*
FRAGARIA, *Tourn.*
 200 *Virginiana*, *Ehrhart.*
 201 *vesca*, *L.*
DALIBARDA, *L.*
 202 *repens*, *L.*
RUBUS, *L.*
 203 *odoratus*, *L.*
 204 *Chamæmorus*, *L.*
 205 *triflorus*, *Richardson.*
 206 *strigosus*, *Michx.*
 207 *occidentalis*, *L.*
 208 *villosus*, *Ait.*
 209 *Canadensis*, *L.*
 210 *hispidus*, *L.*
ROSA, *Tourn.*
 211 *Carolina*, *L.*
 212 *lucida*, *Ehrhart.*
CRATEGUS, *L.*
 213 *coccinea*, *L.*
 214 *tomentosa*, *L.*
 215 *Crus-galli*, *L.*
PYRUS, *L.*
 216 *arbutifolia*, *L.*
 217 *Americana*, *DC.*
AMELANCHIER, *MEDIK.*
 218 *Canadensis*.
 219 *var. a* *Botryapium*.
 220 *var. b* *oblongifolia*.
 221 *var. e* *oligocarpa*.
MELASTOMACEÆ.
RHEXIA, *L.*
 222 *Virginica*, *L.*
LYTHRACEÆ.
LYTHRUM, *L.*
 223 *Salicaria*, *L.*
NESÆA, *JUSSIEU.*
 224 *verticillata*, *H. B. K.*
ONAGRACEÆ.
EPILOBIUM, *L.*
 225 *angustifolium*, *L.*
 226 *alpinum*, *L.*
 227 *palustre*, *L.*
 228 *var. b. lineare*, *Gray.*
 229 *coloratum*, *Muhl.*
CENOTHERA, *L.*
 229 *biennis*, *L.*
 230 *var. a. muricata*, *Gr.*
 231 *var. d. cruciata*, *Gr.*
 232 *pumila*, *L.*
LUDWIGIA, *L.*
 233 *alternifolia*, *L.*
 234 *palustris*, *Ell.*
CIRCAEA, *Tourn.*
 235 *alpina*, *L.*
 236 *Lutetiana*, *L.*
PROSERPINACA, *L.*

237 *palustris*, *L.*
 238 *pectinacea*, *Lam.*
MYRIOPHYLLUM, *Vaill.*
 239 *spicatum*, *L.*
 240 *verticillatum*, *L.*
 241 *ambiguum*, *Nutt.*
 242 *tenellum*, *Bigelow.*
HIPPURIS, *L.*
 243 *vulgaris*, *L.*

GROSSULACEÆ.

RIBES, *L.*
 244 *Cynosbati*, *L.*
 245 *hirtellum*, *Michx.*
 246 *lacustre*, *Poir.*
 247 *prostratum*, *L'Her.*
 248 *floridum*, *L.*
 249 *rubrum*, *L.*

CRASSULACEÆ.

PENTHORUM, *GRONOV.*
 250 *sedoides*, *L.*

SAXIFRAGACEÆ.

SAXIFRAGA, *L.*
 251 *Virginiana*, *Michx.*
 252 *Pennsylvanica*, *L.*
 253 *stellaris*, *L.*
 253 *var. comosa*, *Willd.*
MITELLA, *Tourn.*
 254 *diphylla*, *L.*
 255 *nuda*, *L.*
TIARELLA, *L.*
 256 *cordifolia*, *L.*
CHRYSOSPLENIUM, *Tourn.*
 257 *Americanum*, *Schwein.*

HAMAMELACEÆ.

HAMAMELIS, *L.*
 258 *Virginica*, *L.*

UMBELLIFERÆ.

HYDROCOTYLE, *Tourn.*
 259 *Americana*, *L.*
SANICULA, *Tourn.*
 260 *Canadensis*, *L.*
 261 *Marilandica*, *L.*
HERACLEUM, *L.*
 262 *lanatum*, *Michx.*

ARCHANGELICA, *HOFFM.*
 263 *atropurpurea*, *Hoffm.*
 264 *perégrina*, *Nutt.*

LIGUSTICUM, *L.*
 265 *Scoticum*, *L.*

THASPIUM, *NUTT.*
 266 *aureum*, *Nutt.*
var. apterum.

ZIZIA, *DC.*
 267 *integerrima*, *DC.*

CICUTA, *L.*
 268 *maculata*, *L.*

SIUM, *L.*
 269 *bulbifera*, *L.*

SIUM, *L.*
 270 *lineare*, *Michx.*

CRYPTOTÆNIA, *DC.*
 271 *Canadensis*, *DC.*
OSMORRHIZA, *RAF.*
 272 *longistylis*, *DC.*
 273 *brevistylis*, *DC.*

ARALIACEÆ.

ARALIA, *Tourn.*
 274 *racemosa*, *L.*
 275 *hispida*, *Michx.*
 276 *nudicaulis*, *L.*
 277 *quinquefolia*, *Gray.*
 278 *trifolia*, *Gray.*

CORNACEÆ.

CORNUS, *Tourn.*
 279 *Canadensis*, *L.*
 280 *florida*, *L.*
 281 *circinata*, *L'Her.*
 282 *sericea*, *L.*
 283 *stolonifera*, *Michx.*
 284 *paniculata*, *L'Her.*
 285 *alternifolia*, *L.*

NYSSA, *L.*
 286 *multiflora*, *Wang.*

CAPRIFOLIACEÆ.

LINNÆA, *GRONOV.*
 287 *borealis*, *Gronov.*
LONICERA, *L.*
 288 *parviflora*, *Lam.*
 289 *hirsuta*, *Eaton.*

DIERVILLA, *Tourn.*
 290 *ciliata*, *Muhl.*

TRIOSTEUM, *L.*
 291 *cærulea*, *L.*

DIERVILLA, *Tourn.*
 292 *trifida*, *Mœnch.*

TRIOSTEUM, *L.*
 293 *perfoliatum*, *L.*

SAMBUCUS, *Tourn.*
 294 *Canadensis*, *L.*

VIBURNUM, *L.*
 295 *pubens*, *Michx.*

VIBURNUM, *L.*
 296 *nudum*, *L.*

LENTAGO, *L.*
 297 *dentatum*, *L.*

ACERIFOLIUM, *L.*
 299 *acerifolium*, *L.*

PAUCIFLORUM, *Pylae.*
 300 *pauciflorum*, *Pylae.*

OPULUS, *L.*
 301 *Opulus*, *L.*

LANTANOIDES, *Michx.*
 302 *lantanoides*, *Michx.*

RUBIACEÆ.

GALIUM, *L.*
 303 *Aparine*, *L.*
 304 *aspellum*, *Michx.*
 305 *trifidum*, *L.*

TRIFLORUM, *Michx.*
 306 *triflorum*, *Michx.*

CIRCEZANS, *Michx.*
 307 *circezans*, *Michx.*

LANCEOOLATUM, *Torr.*
 308 *lanceolatum*, *Torr.*

LATIFOLIUM, *Michx.*
 309 *latifolium*, *Michx.*

BOREALE, *L.*
 310 *boreale*, *L.*

CEPHALANTHUS, *L.*
 311 *occidentalis*, *L.*

MITCHELLA, *L.*
 312 *repens*, *L.*

OLDENLANDIA, *L.*

purpurea, *Gray.*
313 *var. longifolia*.
314 *cærulea*, *Gray.*

COMPOSITÆ.

VERNONIA, SCHREBER.
315 *Noveboracensis*,
Willd.

LIATRIS, SCHREBER.

316 *scariosa*, Willd.

EUPATORIUM, TOURN.

317 *purpureum*, *L.*

318 *perfoliatum*, *L.*

319 *ageratoides*, *L.*

NARDOSMIA, CASS.

320 *palmata*, *Hook.*

SERICOCARPUS, NEES.

321 *solidagineus*, *Nees.*

322 *conyzoides*, *Nees.*

ASTER, *L.*

323 *corymbosus*, *Ait.*

324 *macrophyllus*, *L.*

325 *Radula*, *Ait.*

326 *patens*, *Ait.*

327 *lævis*, *L.* both varieties

328 *undulatus*, *L.*

329 *cordifolius*, *L.*

330 *multiflorus*, *Ait.*

331 *dumosus*, *L.*

332 *Tradescanti*, *L.*

333 *miser*, *L.*

334 *simplex*, Willd.

335 *carneus*, *Nees.*

336 *longifolius*, *Lam.*

337 *puniceus*, *L.*

338 *Novæ-Angliæ*, *L.*

339 *acuminatus*, *Michx.*

340 *nemoralis*, *Ait.*

341 *flexuosus*, *Nutt.*

342 *linifolius*, *L.*

ERIGERON, *L.*

343 *Canadense*, *L.*

344 *bellidifolium*, *Muhl.*

345 *Philadelphicum*, *L.*

346 *annuum*, *Pers.*

347 *strigosum*, *Muhl.*

DIPLOAPPUS, CASS

348 *linariifolius*, *Hook.*

349 *umbellatus*, *T. and G.*

SOLIDAGO, *L.*

350 *squarrosa*, *Muhl.*

351 *bicolor*, *L.*

352 *latifolia*, *L.*

353 *cæsia*, *L.*

354 *puberula*, *Nutt.*

355 *stricta*, *Ait.*

356 *speciosa*, *Nutt.*

Virga-aurea, *L.*

357 *var. alpina*, *Bigelow.*

358 *var. humilis*, *Gray.*

359 *thyrsoidea*, *E. Meyer.*

360 *semperfivrens*, *L.*

361 *neglecta*, *T. and G.*

362 *patula*, *Muhl.*

363 *arguta*, *Ait.*

364 *altissima*, *L.*

365 *ulmifolia*, *Muhl.*

366 *odora*, *Ait.*

367 *nemoralis*, *Ait.*

368 *Canadensis*, *L.*

369 *serotina*, *Ait.*

370 *gigantea*, *Ait.*

371 *lanceolata*, *L.*

AMBROSIA, TOURN.

372 *trifida*, *L.*

373 *artemisiæfolia*, *L.*

XANTHIUM, TOURN.

374 *strumarium*, *L.*

374 *var. echinatum*, *Gray.*

HELIOPSIS, PERSOON.

375 *lævis*, *Pers.*

RUDBECKIA, *L.*

376 *laciniata*, *L.*

HELIANTHUS, *L.*

377 *giganteus*, *L.*

378 *strumosus*, *L.*

379 *divaricatus*, *L.*

380 *decapetalus*, *L.*

BIDENS, *L.*

381 *frondosa*, *L.*

382 *cernua*, *L.*

383 *chrysanthemoides*, *Michx.*

ACHILLEA, *L.*

384 *Millefolium*, *L.*

TANACETUM, *L.*

385 *Huronense*, *Nutt.*

ARTEMISIA, *L.*

386 *borealis*, *Pallas.*

387 *caudata*, *Michx.*

GNAPHALIUM, *L.*

388 *decurrens*, *Ives.*

389 *polyccephalum*, *Michx.*

390 *uliginosum*, *L.*

391 *purpureum*, *L.*

ANTENNARIA, GÆRTN.

392 *margaritacea*, *R Br.*

393 *plantaginifolia*, *Hood.*

ERECHTHITES, RAF.

394 *hieracifolia*, *Raf.*

SENECIO, *L.*

395 *aureus*, *L.*

ARNICA, *L.*

396 *mollis*, *Hooker.*

CIRSIUM, TOURN.

397 *discolor*, *Sprengel.*

398 *muticum*, *Michx.*

KRIGIA, SCHREBER.

399 *Virginica*, Willd.

HIERACIUM, TOURN.

400 *Canadense*, *Michx.*

401 *scabrum*, *Mx.*

402 *venosum*, *L.*

403 *paniculatum*, *L.*

NABALUS, CASS.

404 *albus*, *Hook.*

405 *altissimus*, *Hook.*

406 *nanus*, *DC.*

407 *Bootii*, *DC.*

408 *racemosus*, *Hook.*

TAXA, CUM. HAL. J. P.

409 *Dens-leonis*, *Desf.*

LACTUCA, TOURN.

410 *elongata*, *Muhl.*

MULGEDIUM, CASS.

411 *leucophaeum*, *DC.*

LOBELIACEÆ.

LOBELIA, *L.*

412 *cardinalis*, *L.*

413 *syphilitica*, *L.*

414 *inflata*, *L.*

415 *spicata*, *Lam.*

416 *Kalmii*, *L.*

417 *Dortmanna*, *L.*

CAMPANULACEÆ.

CAMPANULA, TOURN.

418 *rotundifolia*, *L.*

419 *aparinoides*, *Pursh.*

SPECULARIA, HEIST.

420 *perfoliata*, *A. DC.*

ERICACEÆ.

CALLUNA.

421 *vulgaris*, *L.*

GAYLUSSACIA, H. B. K.

422 *dumosa*, *T. and G.*

423 *frondosa*, *T. and G.*

424 *resinosa*, *T. and G.*

VACCINIUM, *L.*

425 *Oxycoccus*, *L.*

426 *macrocarpon*, *Ait.*

427 *Vitis-Idæa*, *L.*

428 *stamineum*, *L.*

429 *unguiculatum*, *L.*

430 *Pennsylvanicum*, *Lam.*

431 *Canadense*, *Kalm.*

432 *corymbosum*, *L.*

CHIogenes, SALISB.

433 *hispidula*, *T. and G.*

ARCTOSTAPHYLOS, ADANS.

434 *Uva-ursi*, *Sprengel.*

435 *alpina*, *Sprengel.*

PIGÆA, *L.*

436 *repens*, *L.*

GAULTHERIA, KALM.

437 *procumbens*, *L.*

LEUCOTHOE, DON.

438 *racemosa*, *Gray.*

CASSANDRA, DON.

439 *calyculata*, *Don.*

CASSIOPE, DON.

440 *hypnooides*, *Don.*

ANDROMEDA, J. (cum aliis.)

441 *polifolia*, *L.*

442 *ligustrina*, *Muhl.*

CLETHRÆ, *L.*

443 *alnifolia*, *L.*

PHYLLODOCE, SALISB.

444 *taxifolia*, *Salisb.*
KALMIA, *L.*
 445 *latifolia*, *L.*
 446 *angustifolia*, *L.*
 447 *glaucia*, *Ait.*
AZALEA, *L.*
 448 *viscosa*, *L.*
 449 *nudiflora*, *L.*
RHODODENDRON, *L.*
 450 *maximum*, *L.*
 451 *Lapponicum*, *Wahl.*
RHODORA, *DUHAM.*
 452 *Canadensis*, *L.*
LEDUM, *L.*
 453 *latifolium*, *Ait.*
LOISELEURIA, *DESV.*
 454 *procumbens*, *Dess.*
PYROLA, *L.*
 455 *rotundifolia*, *L.*
 456 *elliptica*, *Nutt.*
 457 *chlorantha*, *Swartz.*
 458 *secunda*, *L.*
 459 *minor*, *L.*
MONESES, *SALISB.*
 460 *uniflora*, *Gray.*
CHIMAPHILA, *PURSH.*
 461 *umbellata*, *Nutt.*
 462 *maculata*, *Pursh.*
MONOTROPA, *L.*
 463 *uniflora*, *L.*
 464 *Hypopitys*, *L.*
AQUIFOLIACEÆ.
ILEX, *L.*
 465 *opaca*, *Ait.*
 466 *verticillata*, *Gray.*
 467 *leavigata*, *Gray.*
NEMOPANTHES, *RAF.*
 468 *Canadensis*, *DC.*
PLANTAGINACEÆ.
PLANTAGO, *L.*
 469 *maritima*, *L.*
 470 *Virginica*, *L.*
PLUMBAGINACEÆ.
STATICE, *TOURN.*
 471 *Limonium*, *L.*
 472 *var. Caroliniana*, *Gr.*
PRIMULACEÆ.
TRIDENTALIS, *L.*
 473 *Americana*, *Pursh.*
LYSIMACHIA, *L.*
 474 *stricta*, *Ait.*
 475 *quadrifolia*, *L.*
 476 *ciliata*, *L.*
 477 *lanceolata*, *Walt.*
NAUMBURGIA, *MENCH.*
 478 *thyrsiflora*, *Reich.*
GLAUX, *L.*
 479 *maritima*, *L.*
SAMOLUS, *L.*
 Valerandi, *L.*
 480 *var. Americanus*, *Gray.*

HOTTONIA, *L.*
 481 *inflata*, *Ell.*
LENTIBULACEÆ.
UTRICULARIA, *L.*
 482 *inflata*, *Walt.*
 483 *vulgaris*, *L.*
 484 *clandestina*, *Nutt.*
 485 *purpurea*, *Walt.*
 486 *resupinata*, *Greene.*
 487 *cornuta*, *Michx.*
OROBANCHACEÆ.
EPIPHEGUS, *NUTT.*
 488 *Virginiana*, *Bart.*
CONOPHOLIS, *WALLR.*
 489 *Americana*, *Wallr.*
APHYLLON, *MITCHELL.*
 490 *uniflorum*, *T. & G.*
SCROPHULARIACEÆ.
LINARIA, *TOURN.*
 491 *Canadensis*, *Sprengel.*
SCROPHULARIA, *TOURN.*
 492 *nodosa*, *L.*
CHELONE, *TOURN.*
 493 *glabra*, *L.*
MIMULUS, *L.*
 494 *ringens*, *L.*
GRATIOLA, *L.*
 495 *Virginiana*, *L.*
 496 *aurea*, *Muhl.*
ILYSANTHES, *RAF.*
 497 *gratioloides*, *Benth.*
LIMOSELLA, *L.*
 aquatica, *L.*
 498 *var. tenuifolia*, *Hoffm.*
VERONICA, *L.*
 499 *Anagallis*, *L.*
 500 *Americana*, *Schwein.*
 501 *scutellata*, *L.*
 502 *officinalis*, *L.*
 503 *serpyllifolia*, *L.*
 504 *peregrina*, *L.*
GERARDIA, *L.*
 505 *purpurea*, *L.*
 506 *maritima*, *Raf.*
 507 *tenuifolia*, *Vahl.*
 508 *queratifolia*, *Pursh.*
 509 *pedicularia*, *L.*
CASTILLEIA, *MUTIS.*
 510 *coccinea*, *Sprengel.*
 511 *septentrionalis*, *Lindl.*
RHINANTHUS, *L.*
 512 *Crista-galli*, *L.*
PEDICULARIS, *TOURN.*
 513 *Canadensis*, *L.*
MELAMPYRUM, *TOURN.*
 514 *Americanum*, *Michx.*
VERBENACEÆ.
VERBENA, *L.*
 515 *hastata*, *L.*
PHYSALIS, *L.*
 543 *viscosa*, *L.*
PHRYMA, *L.*
 517 *Leptostachya*, *L.*
LABIATÆ.
TEUCRIUM, *L.*
 518 *Canadense*, *L.*
ERICHOSTEMA, *L.*
 519 *dichotomum*, *L.*
ISANTHUS, *MICHX.*
 520 *cæruleus*, *Mx.*
MENTHA, *L.*
 521 *Canadensis*, *L.*
LYCOPUS, *L.*
 522 *Virginicus*, *L.*
Europæus, *L.*
 523 *var. sinuatus*, *Benth.*
PYCANANTHEMUM, *MICHX.*
 524 *incanum*, *Michx.*
 525 *muticum*, *Pers.*
 526 *lanceolatum*, *Pursh.*
HEDEOMA, *PERS.*
 527 *pulegioides*, *Pers.*
COLLINSONIA, *L.*
 528 *Canadensis*, *L.*
MONARDA, *L.*
 529 *didyma*, *L.*
PHYSOSTEGIA, *BENTH.*
 530 *Virginiana*, *Benth.*
BRUNELLA, *TOURN.*
 531 *vulgaris*, *L.*
SCUTELLARIA, *L.*
 532 *galeruculata*, *L.*
 533 *lateriflora*, *L.*
STACHYS, *L.*
 534 *palustris*, *L.*
BORRAGINACEÆ.
MERTENSIA, *ROTH.*
 535 *maritima*, *Don.*
MYOSOTIS, *L.*
 palustris, *With.*
 536 *var. laxa*, *Lehm.*
CYNOGLOSSUM, *TOURN.*
 537 *Morisoni*, *DC.*
HYDROPHYLLOACEÆ.
HYDROPHYLLUM, *L.*
 538 *Virginicum*, *L.*
POLEMONIACEÆ.
DIAPENSIA, *L.*
 539 *Lapponica*, *L.*
CONVOLVULACEÆ.
CALYSTEGIA, *R. BR.*
 540 *sepium*, *R. Br.*
 541 *spithamea*, *Pursh.*
CUSCUTA, *TOURN.*
 542 *Gronovii*, *Willd.*
SOLANACEÆ.
PHYSALIS, *L.*
 543 *viscosa*, *L.*

GENTIANACEÆ.

SABBATIA, ADANS.
544 stellaris, Pursh.
HALENTIA, BORKH.
545 deflexa, Griseb.
GENTIANA, L.
546 crinita, Fröl.
547 Andrewssii, Griseb.
Saponaria, L.
548 var. linearis, Gray.
BARTONIA, MUHL.
549 tenella, Muhl.
MENYANTHES, TOURN.
550 trifoliata, L.
LIMNANTHEMUM, GMELIN.
551 lacunosum, Griseb.

APOCYNACEÆ.

APOCYNUM, TOURN.
552 androssemifolium, L.
553 cannabinum, L.

ASCLEPIADACEÆ.

ASCLEPIAS, L.
554 Cornuti, Decaisne.
555 phytolaccoides, Pursh.
556 quadrifolia, Jacq.
557 obtusifolia, Mx.
558 incarnata, L.
559 tuberosa, L.
560 verticillata, L.

OLEACEÆ.

FRAXINUS, TOURN.
561 Americana, L.
562 pubescens, Lam.
563 viridis, Michaux filius.
564 sambucifolia, Lam.

ARISTOLOCHI-
ACEÆ.

ASARUM, TOURN.
565 Canadense, L.

PHYTOLACCACEÆ.

PHYTOLACCA, TOURN.
566 decandra, L.

CHENOPODIACEÆ.

BLITUM, TOURN.
567 maritimum, Nutt.
ATRIPLEX, TOURN.
568 hastata, L.
SALICORNIA, TOURN.
569 herbacea, L.
570 mucronata, Bigelow.
571 ambigua, Michx.
CHENOPODINA, MOQUIN.
572 maritima, Moquin.
SALSOLA, L.
573 Kali, L.

POLYGONACEÆ.

POLYGONUM, L.
574 amphibium, L.
575 Pennsylvanicum, L.
576 Careyi, Olney.
577 acre, H. B. K.
578 hydropiperoides, Michx.
aviculare, L.
579 var. erectum, Roth.
580 var. littorale, Link.
581 tenue, Michx.
582 articulatum, L.
583 Virginianum, L.
584 arifolium, L.
585 sagittatum, L.
586 cilinode, Michx.
587 dumetorum, L.
RUMEX, L.
588 verticillatus, L.
589 salicifolius, Weinman
Hydrolypatum,
Huds.
590 var. Americanum,
Gr.

LAURACEÆ.

SASSAFRAS, NEES.
591 officinale, Nees.
BENZOIN, NEES.
592 odoriferum, Nees.

THYMELACEÆ.

DIRCA, L.
593 palustris, L.

SANTALACEÆ.

COMANDRA, NUTT.
594 umbellata, Nutt.

SAURURACEÆ.

SAURURUS, L.
595 cernuus, L.

CERATOPHYLLA-
CEÆ.

CERATOPHYLLUM, L.
596 demersum, L.

CALLITRICHACEÆ.

CALLITRICE, L.
597 verna, L.

PODOSTEMACEÆ.

PODOSTEMON, MICHX.
598 ceratophyllum,
Michx.

EUPHORBIACEÆ.

EUPHORBIA, L.
599 polygonifolia, L.
600 maculata, L.

601 hypericifolia, L.
ACALYPA, L.

602 Virginica, L.

EMPETRACEÆ.

EMPETRUM, TOURN.
603 nigrum, L.
COREMA, DON.
604 Conradii, Torr.

URTICACEÆ.

ULMUS, L.
605 Americana, L.
URTICA, TOURN.
606 gracilis, Ait.
LAPORTEA, GAUDICH.
607 Canadensis, Gaudich.
PILEA, LINDL.
608 pumila, Gray.
BEHMERIA, JACQ.
609 cylindrica, Willd.
HUMULUS, L.
610 Lupulus, L.

PLATANACEÆ.

PLATANUS, L.
611 occidentalis, L.

JUGLANDACEÆ.

JUGLANS, L.
612 cinerea, L.
CARYA, NUTT.
613 alba, Nutt.
614 glabra, Torr.
615 amara, Nutt.

CUPULIFERÆ.

QUERCUS, L.
616 alba, L.
Prinus, L.
617 var. discolor, Mr.
618 ilicifolia, Wang.
619 tinctoria, Bartram.
620 coccinea, Wang.
621 rubra, L.

CASTANEA, TOURN.

622 vesca, L.
FAGUS, TOURN.

623 ferruginea, Ait.
CORYLUS, TOURN.

624 Americana, Walt.
625 rostrata, Ait.

CARPINUS, L.
626 Americana, Michx.

OSTRYA, MICHELI.
627 Virginica, Willd.

MYRICACEÆ.

MYRICA, L.
628 Gale, L.
629 cerifera, L.
COMPTONIA, SOLANDER.
630 asplenifolia, Ait.

BETULACEÆ.

BETULA, Tourn.
 alba, L.
 631 var. *populifolia*, Spach.
 632 *papyracea*, Ait.
 633 *excelsa*, Ait.
 634 *lenta*, L.
 635 *pumila*, L.
 636 *nana*, L.
 ALNUS, Tourn.
 637 *incana*, Willd.
 638 *serrulata*, Ait.
 639 *viridis*, DC.

SALICACEÆ.

SALIX, Tourn.
 640 *candida*, Willd.
 641 *tristis*, Ait.
 642 *humilis*, Marsh., and varieties.
 643 *discolor*, Muhl., and varieties.
 644 *eriocephala*, Michx.
 645 *sericea*, Marshall.
 646 *cordata*, Muhl.
 647 *lucida*, Muhl.
 648 *pedicellaris*, Pursh.
 649 *Uva-ursi*, Pursh.
 650 *herbacea*, L.
 POPULUS, Tourn.
 651 *tremuloides*, Mx.
 652 *grandidentata*, Mx.
 653 *balsamifera*, L.
 654 var. *candicans*, Gray.

CONIFERÆ.

PINUS, Tourn.
 655 *Banksiana*, Lamb.
 656 *resinosa*, Ait.
 657 *rigida*, Miller.
 658 *Strobus*, L.
 ABIES, Tourn.
 659 *balsamea*, Marshall.
 660 *Canadensis*, Michx.
 661 *nigra*, Poir.
 662 *alba*, Michx.

LARIX, Tourn.
 663 *Americana*, Michx.
 664 var. *microcarpa*, Lamb.

CUPRESSUS, Tourn.
 665 *thyoides*, L.

JUNIPERUS, L.
 666 *communis*, L.
 667 *Virginiana*, L.

TAXUS, Tourn.
 668 var. *Canadensis*, Willd.

ARACEÆ.

ARISÆMA, MARTIUS.
 669 *triphyllum*, Torr.

670 *Dracontium*, Schott.

PELTANDRA, Raf.

671 *Virginica*, Raf.

CALLA, L.

672 *palustris*, L.

SYMPLOCARPUS, SALISB.

673 *fœtidus*, Salisb.

ACORUS, L.

674 *calamus*, L.

TYPHACEÆ.

TYPHA, Tourn.
 675 *latifolia*, L.
 676 var. *angustata*.
 SPARGANIUM, Tourn.
 677 *eurycarpum*, Eng.
 678 *ramosum*, H.
 679 *simplex*, H.
 natans, L.
 680 var. *affine*, Fr.

LEMNACEÆ.

LEMNA, L.

681 minor, L.

NAIADACEÆ.

NAIAS, L.

682 *flexilis*, Rostk.

ZOSTERA, L.

683 *mariua*, L.

RUPPIA, L.

684 *maritima*, L.

POTAMOGETON, Tourn.

685 *pectinatus*, L.

686 *Robbinsii*, Oakes.

687 *hybridus*, Michx.

688 *pusillus*, L.

689 *compressus*, L.

690 *perfoliatus*, L.

691 *prælongus*, Wulf.

692 *lucens*, L.

693 var. *fluitans*, Roth.

694 var. *amplifolius*, Tuck.

695 *natans*, L.

696 *heterophyllum*, Schreber:

ALISMACEÆ.

TRILOCHIN, L.

697 *maritimum*, L.

SCHEUCHZERIA, L.

698 *palustris*, L.

ALISMA, L.

Plantago, L.

699 var. *Americanum*.

SAGITTARIA, L.

700 *variabilis*, Engelm.

701 var. *latifolia*, Willd.

702 *simplex*, Pursh.

703 *calycina*, Engl.

HYDROCHARIDACEÆ.

ANACHARIS, RICH.

704 *Canadensis*, Pl.

VALLISNERIA, MICH.

705 *spiralis*, L.

ORCHIDACEÆ.

ORCHIS, L.

706 *spectabilis*, L.

GYMNADENIA, R. Br.

707 *tridentata*, Lindl.

PLATANTHERA, RICH.

708 *obtusata*, Lindl.

709 *rotundifolia*, Lindl.

710 *orbiculata*, Lindl.

711 *Hookeri*, Lindl.

712 *bracteata*, Torr.

713 *hyperborea*, Lindl.

714 *dilatata*, Lindl.

715 *flava*, Gray.

716 *blephariglottis*, Lindl.

717 *lacera*, Gray.

718 *psycodes*, Gray.

719 *flimbriata*, Lindl.

GOODYERA, R. Br.

720 *repens*, R. Br.

721 *pubescens*, R. Br.

SPIRANTHES, RICH.

722 *gracilis*, Bigelow.

723 *latifolia*, Torr.

724 *cernua*, R.

LISTERA, R. BROWN.

725 *cordata*, R. Br.

726 *convallarioides*, Hooker.

ARETHUSA, GRONOV.

727 *bulbosa*, L.

POGONIA, JUSS.

728 *ophioglossoides*, Nutt.

729 *verticillata*, Nutt.

CALOPOGON, R. Br.

730 *pubellus*, R. Br.

CALYPSO, SALISB.

731 *borealis*, Salisb.

MYCROSTYLIIS, NUTT.

732 *monophyllos*, Lindl.

CORALLORHIZA, HALLE.

733 *innata*, R. Br.

734 *multiflora*, Nutt.

CYPRIPEDIUM, L.

735 *pubescens*, Willd.

736 *spectabile*, Swartz.

737 *acaule*, Ait.

738 *arietinum*, R. Br.

HÆMODORACEÆ.

ALETRIS, L.

739 *farinosa*, L.

IRIDACEÆ.

IRIS, L.

740 *versicolor*, L.

741 *Virginica*, L.

SISYRINCHIUM, L.

742 *Bermudiana*, L.

SMILACEÆ.

SMILAX, Tourn.

743 rotundifolia, L.

744 herbacea, L.

TRILLIUM, L.

745 cernuum, L.

746 erectum, L.

747 erythrocarpum,

Michx.

MEDEOLA, GRONOV.

748 Virginica, L.

LILIACEÆ.

POLYGONATUM, Tourn.

749 biflorum, Ell.

SMILACINA, DESF.

750 racemosa, Desf.

751stellata, Desf.

752 trifolia, Desf.

MAGNANTHEMUM, DESF.

753 bifolia, Ker.

CLINTONIA, RAF.

754 borealis, Raf.

ALLIUM, L.

755 Schœnoprasum, L.

756 Canadense, Kalm.

LILIUM, L.

757 Philadelphicum, L.

758 Canadense, L.

759 superbum, L.

ERYTHRONIUM, L.

760 Americanum.

MELANTHACÆ.

UVULARIA, L.

761 perfoliata, L.

762 sessilifolia, L.

STREPTOPUS, MICHX.

763 amplexifolius, DC.

764 roseus, Michx.

VERATRUM, Tourn.

765 viride, Ait.

TOFIELDIA, HUDSON.

766 glutinosa, Willd.

JUNCACEÆ.

LUZULA, DC.

767 pilosa, Willd.

parviflora, Desf.

768 var. melanocarpa.

769 campestris, DC.

770 spicata, Desvaux.

JUNCUS, L.

771 effusus, L.

772 filiformis, L.

773 Balticus, Willd.

774 scirpoides, Lam.

775 paradoxus, E. Meyer.

776 acuminatus, L.

777 militaris, Bigel.

778 nodosus, L.

779 Conradi, Tuckerman.

780 Stygius, L.

781 trifidus, L.

782 tenuis, Willdenow.

783 Greenii, O. and T.

784 bulbosus, L.

785 bufonius, L.

PONTEDERIACEÆ.

PONTEDERIA, L.

786 cordata, L.

CYPERACEÆ.

CYPERUS, L.

787 flavescens, L.

788 diandrus, Torr.

789 dentatus, Torr.

790 filiculmis, Vahl.

DULICHIUM, RICHARD.

791 spathaceum, Pers.

ELEOCHARIS, R. BROWN.

792 obtusa, Schultes.

793 palustris, R. Brown.

794 tenuis, Schultes.

795 acicularis, R. Brown

SCIRPUS, L.

796 pungens, Vahl.

797 lacustris, L.

798 maritimus, L.

799 sylvaticus, L.

800 var. atrovirens,

Muhl.

801 Eriophorum, Michx.

ERIOPHORUM, L.

802 alpinum, L.

803 virginicum, L.

804 vaginatum, L.

805 polystachyon, L.

806 gracile, Koch.

FIMBISYSTYLIS, VAHL.

807 autumnalis, Roem. &

Schult.

RHYNCHOSPORA, VAHL.

808 alba, Vahl.

809 glomerata, Vahl.

CLADIUM, P. BROWNE.

810 mariscoides, Torr.

CAREX, L.

811 scirpoidea, Michx.

812 pauciflora, Lightfoot.

813 polytrichoides,

Muhl.

814 stipata, Muhl.

815 cephalophora, Muhl.

816 tenella, Schk.

817 trisperma, Dew.

818 canescens.

canescens, L.

819 var. vitilis, Fries.

820 Deweyana, Schw.

821 stellulata, Good.

822 scoparia, Schk.

823 adusta, Boot.

824 festucacea, Schk.

825 fœnea, Muhl.

826 straminea, Schk.

827 rigida, Good.

828 torta, Boott.

829 vulgaris, Fries.

830 aperta, Boott.

831 stricta, Lam.

832 var. strictior, Dew.

833 lenticularis, Michx.

834 maritima, Vahl.

835 crinita, Lam.

836 limosa, L.

837 irrigua, Smith.

838 pallescens, L.

839 gracillima, Schw.

840 virescens, Muhl.

841 laxiflora, Lam.

842 pedunculata, Muhl.

843 umbellata, Schk.

844 Novæ-Angliæ, Schw.

845 Pennsylvanica, Lam.

846 varia, Muhl.

847 miliacea, Muhl.

848 scabrata, Schw.

849 arctata, Boot.

850 debilis, Michx.

851 flava, L.

852 Ederi, Ehrh.

853 filiformis, L.

854 lacustris, Willd.

855 trichocarpa, Muhl.

856 comosa, Boot.

857 Pseudo-Cyperus, L.

858 tentaculata, Muhl.

859 intumescens, Rudge.

860 folliculata, L.

861 lupulina, Muhl.

862 vesicaria, L.

863 monile, Tuckerman.

864 ampullacea, Good.

865 cylindrica, Schw.

866 Houghtonii.

867 Norvegica, Schck.

GRAMINEÆ.

LEERSIA, SOLANDER.

868 oryzoides, Swartz.

ALOPECURUS, L.

869 aristulatus, Michx.

SPOROBOLUS, R. BROWNE.

870 serotinus, Gr.

AGROSTIS, L.

871 perennans, Tuck.

872 scabra, Willd.

canina, L.

873 var. alpina, Oakes.

874 vulgaris, Wth.

CINNA, L.

875 arundinacea, L.

MUHLENBERGIA, SCHREBER.

876 glomerata, Trin.

877 Mexicana, Trin.

878 sylvatica, T. and G. (?)

BRACHYELYTRUM, BEAUV.

879 aristatum, Beauv.

CALAMAGROSTIS, ADAMS.
 880 *canadensis*, Beauv.
 881 *coarctata*, Torr.
 882 *arenaria*, Roth.
 ORYZOPSIS, MICHX.
 883 *Canadensis*, Torr.
 SPARTINA, SCHREBER.
 884 *polystachya*, Willd.
 885 *junccea*, Willd.
 886 *stricta*, Roth.
 GLYCERIA, R. BROWNE.
 887 *obtusa*, Trin.
 888 *elongata*, Trin.
 889 *nervata*, Trin.
 890 *aquatica*, Smith.
 891 *fluitans*, R. Brown.
 892 *maritima*, Wahl.
 BRIZOPYRUM, LINK.
 893 *spicatum*, Hook.
 POA, L.
 894 *annua*, L.
 895 *serotina*, E'rhart.
 896 *pratensis*, L.
 897 *compressa*, L.
 FESTUCA, L.
 898 *tenella*, Willd.
 ovina.
 899 var. *duriuscula*.
 BROMUS, L.
 900 *ciliatus*, L.
 TRITICUM, L.
 901 *repens*, L.
 HORDEUM, L.
 902 *jubatum*, L.
 ELYMUS, L.
 903 *Virginicus*, L.
 904 *Canadensis*, L.
 GYMNOSTICHUM, SCHREB.
 905 *Hystrix*, Schreb.
 AIRA, L.
 906 *flexuosa*, L.

DANTHONIA, DC.
 907 *spicata*, Beauv.
 AVENA, L.
 908 *striata*, Michx.
 HIEROCHLOA, GMELIN.
 909 *borealis*, Rœm. & Sch.
 910 *alpina*, Rœm. & Sch.
 PIALARIS, L.
 911 *arundinacea*, L.
 PANICUM, L.
 912 *capillare*, L.
 913 *virgatum*, L.
 914 *dichotomum*, L.
 915 *depauperatum*,
 Muhl.
 ANDROPOGON, L.
 916 *furcatus*, Muhl.
 EQUISETACEÆ.
 EQUISETUM, L.
 917 *arvense*, L.
 918 *sylvaticum*, L.
 919 *limosum*, L.
 920 *hyemale*, L.
 921 *scirpooides*, Michx.
 FILICES.
 POLYPODIUM, L.
 922 *vulgare*, L.
 923 *Phegopteris*, L.
 924 *Dryopteris*, L.
 STRUTHIOPTERIS, WILLD.
 925 *Germanica*, Willd.
 PTERIS, L.
 926 *aquilina*, L.
 ADIANTUM, L.
 927 *pedatum*, L.
 WOODWARDIA, SMITH.
 928 *Virginica*, Willd.

ASPLENIUM, L.
 929 *Felix-icemina*,
 R. Brown.
 DICKSONIA, L'HER.
 930 *punctilobula*, Hook.
 WOODSIA, R. BROWN.
 931 *Ilvensis*, R. Brown.
 ASPIDIUM, SWARTZ.
 932 *Thelypteris*, Swartz.
 933 *Novaeoracense*,
 Willd.
 934 *spinulcsum*, Swartz.
 935 *cristatum*, Swartz.
 936 *marginale*, Swartz.
 937 *acrostichoides*,
 Swartz.
 ONOCLEA, L.
 938 *sensibilis*, L.
 OSMUNDA, L.
regalis, L.
 939 var. *spectabilis*.
 940 *Claytoniana*, L.
 941 *cinnamomea*, L.
 BOTRYCHIUM, SWARTZ.
 942 *lunarioides*, Swartz.
 943 *Virginicum*, Swartz.
 LYCOPODIACEÆ.
 LYCOPODIUM, L.
 944 *lucidulum*, Michx.
 945 *Selago*, L.
 946 *inundatum*, L.
 947 *annnotinum*, L.
 948 var. *pungens*,
 Spring.
 949 *dendroideum*, Michx.
 950 *clavatum*, L.
 951 *complanatum*, L.
 SELAGINELLA, BEAUV.
 952 *rupestris*, Spring.

LIST A,

Plants Introduced into the State.

RANUNCULACEÆ.

AQUILEGIA, Tourn.

953 vulgaris, L.

DELPHINIUM, Tourn.

954 Consolida, L.

MAGNOLIACEÆ.

LIRIODENDRON, L.

955 Tulipifera, L.

PAPAVERACEÆ.

PAPAVER, L.

956 Somniferum, L.

CHELIDONIUM, L.

957 majus, L.

FUMARIACEÆ.

FUMARIA, L.

958 officinalis, L.

CRUCIFERÆ.

NASTURTIUM, R. Br.

959 officinale, R. Br.

960 Armoracia, Fries.

SISYMBRIUM, L.

961 officinale, Scop.

SINAPIS, Tourn.

962 alba, L.

963 nigra, L.

CAPSELLA, Vent.

964 Bursa-pastoris,

Moench.

RAPHANUS, L.

965 Raphanistrum, L.

HYPERICACEÆ.

HYPERICUM, L.

966 perforatum, L.

CARYOPHYLLACEÆ.

DIANTHUS, L.

967 Armeria, L.

SAPONARIA, L.

968 officinalis, L.

VACCARIA, MEDIK.

969 vulgaris, Host.

SILENE, L.

970 inflata, Smith.

971 Noctiflora, L.

AGROSTEMMA, L.

972 Githago, L.

ARENARIA, L.

973 serpyllifolia, L.

STELLARIA, L.

974 media, Smith.

CERASTIUM, L.

975 vulgatum, L.

976 viscosum, L.

SPERGULA, L.

977 arvensis, L.

SCLERANTHUS, L.

978 annuus, L.

PORTULACACEÆ.

PORTULACA, Tourn.

979 oleracea, L.

MALVACEÆ.

ALTHÆA, L.

980 officinalis, L.

MALVA, L.

981 rotundifolia,

982 sylvestris, L.

983 moschata, L.

SIDA, L.

984 spinosa, L.

LINACEÆ.

LINUM, L.

985 usitatissimum, L.

RHAMNACEÆ.

RHAMNUS, Tourn.

986 catharticus, L.

CELASTRACEÆ.

EUONYMUS, Tourn.

987 atropurpureus,

Jacq.

SAPINDACEÆ.

ÆSCULUS, L.

988 Hippocastanum, L.

LEGUMINOSÆ.

GENISTA, L.

989 tinctoria, L.

TRIFOLIUM, L.

990 arvense, L.

991 pratense, L.

992 agrarium, L.

993 procumbens, L.

MELILOTUS, L.

994 officinalis, Willd.

MEDICAGO, L.

995 sativa, L.

996 lupulina, L.

ROBINIA, L.

997 pseudacacia, L.

998 hispida, L.

WISTARIA, NUTT.

999 frutescens, DC.

VICIA, Tourn.

1000 sativa, L.

1001 tetrasperma, L.

1002 hirsuta, Koch.

GLEDTSCIIA, L.

1003 triacanthos, L.

ROSACEÆ.

PRUNUS, L.

1004 spinosa, L.

CALYCANTHUS, L.

1005 floridus, L.

ROSA, Tourn.

1006 rubiginosa, L.

CRATÆGUS, L.

1007 Oxyantha, L.

LYTHRACEÆ.

LYTHRUM, L.

1008 hyssopifolia, L.

CRASSULACEÆ.

SEDUM, L.

1009 telephium, L.

UMBELLIFERÆ.

DAUCUS, Tourn.

1010 Carota, L.

PASTINACA, Tourn.

1011 sativa, L.

CONIUM, L.
1012 *maculatum*, L.

RUBIACEÆ.

GALIUM, L.
1013 *verum*, L.

DIPSACEÆ.

DIPSACUS, Tourn.
1014 *sylvestris*, Mill.

COMPOSITÆ.

TUSSILAGO, Tourn.
1015 *farfara*, L.

BELLIS, L.
1016 *perennis*, L.

INULA, L.
1017 *Helenium*, L.

XANTHIUM, Tourn.
1018 *spinosa*, L.

RUDBECKIA, L.
1019 *hirta*, L.

COREOPSIS, L.
1020 *verticillata*, L.

MARUTA, CASS.
1021 *Cotula*, DC.

LEUCANTHEMUM, Tourn.
1022 *vulgare*, Lam.

MATRICARIA, Tourn.
1023 *Parthenium*, L.

TANACETUM, L.
1024 *vulgare*, L.

ARTEMISIA, L.
1025 *vulgaris*, L.

1026 *Absinthium*, L.
SENCIO, L.

1027 *vulgaris*, L.
CENTAUREA, L.

1028 *cyanus*, L.
CIRSIUM, Tourn.

1029 *lanceolatum*, Scop.
1030 *arvense*, Scop.

LAPPA, Tourn.
1031 *major*, Gært.

CICHORIUM, Tourn.
1032 *Intybus*, L.

LEONTODON, L.
1033 *Autumnale*, L.

SONCHUS, L.
1034 *oleraceus*, L.

1035 *asper*, Vill.

CAMPANULACEÆ.

CAMPANULA, Tourn.
1036 *medium*, L.

PLANTAGINACEÆ.

PLANTAGO, L.
1037 *major*, L.

PRIMULACEÆ.

ANAGALLIS, Tourn.
1039 *arvensis*, L.

BIGNONIACEÆ.

CATALPA, SCOP.
1040 *Bignonioides*, Walt.
MAYTYNIA, L.
1041 *proboscidea*, Glox.

SCROPHULARIA-CEÆ.

VERBASCUM, L.
1042 *Thapsus*, L.
1043 *Blattaria*, L.
LINARIA, Tourn.
1044 *vulgaris*, Mill.
VERONICA, L.
1045 *arvensis*, L.

VERBENACEÆ.

VERBENA, L.
1046 *officinalis*, L.

LABIATÆ.

MENTHA, L.
1047 *viridis*, L.
1048 *piperita*, L.
CALAMINTHA, L.

1049 *clinopodium*, Benth.
MELISSA, L.

1050 *officinalis*, L.
SALVIA, L.

1051 *officinalis*, L.
NEPETA, L.

1052 *Cataria*, L.
1053 *Clechoma*, Benth.

MARRUBIUM, L.
1054 *vulgare*, L.

GALEOPSIS, L.
1055 *Tetrahit*, L.

1056 *Ladanum*, L.
STACHYS, L.

1057 *arvensis*, L.
LEONURUS, L.

1058 *Cardiaca*, L.
LAMIUM L.

1059 *amplexicaule*, L.
OCYMIUM, L.

1060 *Basilicum*, L.

BORRAGINACEÆ.

SYMPHYTUM, Tourn.
1061 *officinale*, L.

ECHINOSPERMUM, SWARTZ.
1062 *Lappula*, Lehm.

CYNOGLOSSUM, Tourn.
1063 *officinale*, L.

CONVOLVULACEÆ.

CONVOLVULUS, L.
1064 *arvensis*, L.

SOLANACEÆ.

SOLANUM, L.
1065 *Dulcamara*, L.

1066 *nigrum*, L.

NICANDRA, ADANS.

1067 *physaloides*, Gært.

HYOSCYAMUS, Tourn.

1068 *niger*, L.

DATURA, L.

1069 *Stramonium*, Tourn.

OLEACEÆ.

LIGUSTRUM, Tourn.

1070 *vulgare*, L.

CHENOPODIACEÆ.

CHENOPODIUM, L.

1071 *hybridum*, L.

1072 *urbicum*, L.

1073 *album*, L.

1074 *glaucum*, L.

1075 *botrys*, L.

AMARANTACEÆ.

AMARANTUS, L.

1076 *hypochondriacus*, L.

1077 *hybridus*, L.

1078 *albus*, L.

POLYGONACEÆ.

POLYGONUM, L.

1079 *orientale*, L.

1080 *Persicaria*, L.

1081 *Hydropiper*, L.

1082 *convolvulus*, L.

FAGOPYRUM, Tourn.

1083 *esculentum*, Mench.

1084 *Tataricum*.

RUMEX, L.

1085 *obtusifolius*, L.

1086 *crispus*, L.

1087 *sanguineus*, L.

1088 *acetosella*, L.

EUPHORBIACEÆ.

EUPHORBIA, L.

1089 *esula*, L.

URTICACEÆ.

MORUS, Tourn.

1090 *alba*, L.

URTICA, Tourn.

1091 *dioica*, L.

1092 *urens*, L.

CANNABIS, Tourn.

1093 *sativa*, L.

SALICACEÆ.

SALIX, Tourn.

1094 *viminalis*, L.

1095 *alba*, L.

1096 *fragilis*, L.

POPULUS, Tourn.

1097 *dilatata*, Ait.

1098 *alba*, L.

LILIACÆ.

ASPARAGUS, L.
1099 officinalis, L.
GRAMINEÆ.
PHILEUM, L.
1100 pratense, L.

AGROSTIS, L.
1101 alba, L.
FESTUCA, L.
1102 elatior, L.
ANTHOXANTHUM, L.
1103 odoratum, L.

PANICUM, L.
1104 glabrum, Gaudin.
1105 Crus-galli, L.
SETARIA, BEAUV.
1106 glauca, Beauv.
1107 viridis, Beauv.

PORTLAND
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PROCEEDINGS, Vol. I., Part 1, pp. 96, and Part 2, pp. 97—128, already issued. Part 2, pp. 128—200, to be issued immediately. Price, \$1.00 for the Volume.

JOURNAL, Vol. I., Part 1: Observations on the Terrestrial Pulmonifera of Maine, by E. S. MORSE. Paper. Finely illustrated with plates of dentition, etc., \$1.00.

Address

SECRETARY P. S. N. H.

APRIL, 1868.



SPECIAL APPEAL.

THE PORTLAND SOCIETY OF NATURAL HISTORY takes this method of announcing that it is ready to receive gifts of any objects of Natural History, and that it solicits contributions from every part of the State. In future it proposes to devote itself almost exclusively to the illustration of the resources and productions of Maine, and will admit general or foreign collections only as they may be necessary as a means of education in the typical facts of science. By the kindness of the City Government of Portland, ample room for Laboratory, Cabinets, and Library, has been granted in the New City Building, and the apartments are thrown open to the public on appointed days. This appeal is made to the citizens of the State to send from their neighborhood all specimens, even the most ordinary, which may serve to exhibit the Natural History of the region. For the sake of more exactly defining what is required, it may be said that any of the following objects will be acceptable:

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All are respectfully invited to aid in the Society's work, and share in its benefits. For the third time, with unabated courage, the labor twice before interrupted is resumed. All that is needed is the zealous co operation of the citizens and friends of public education throughout the State.

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